

Title (en)

IMAGING OPTICAL SYSTEM, IMAGING DEVICE AND IMAGING SYSTEM

Title (de)

OPTISCHE ABBILDUNGSVORRICHTUNG, ABBILDUNGSVORRICHTUNG UND ABBILDUNGSSYSTEM

Title (fr)

SYSTÈME OPTIQUE D'IMAGERIE, DISPOSITIF D'IMAGERIE ET SYSTÈME D'IMAGERIE

Publication

**EP 2966488 B1 20191127 (EN)**

Application

**EP 15175323 A 20120830**

Priority

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- EP 12182432 A 20120830

Abstract (en)

[origin: EP2573605A2] An imaging device includes two imaging optical systems each of the imaging optical systems including a wide-angle lens having an angle of view wider than 180 degrees, and an imaging sensor configured to image an image by the wide-angle lens, so as to obtain an image in a solid angle of 4 $\pi$  radian by synthesizing the images by the respective imaging optical systems, wherein the wide-angle lens of each of the imaging optical systems includes, in order from an object side to an image side, a front group having a negative power, a reflection surface and a back group having a positive power, and is configured to bend an optical axis of the front group by the reflection surface at 90 degrees toward the back group.

IPC 8 full level

**G02B 13/06** (2006.01); **G02B 17/02** (2006.01); **H04N 5/225** (2006.01); **H04N 5/232** (2006.01)

CPC (source: EP US)

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